

ABSTRACT OF THE DISCLOSURE

The present invention includes a repeater and a server for controlling access, from a terminal of an outside network, to the server of an inside network. The repeater and the server permit a packet transmission from the terminal to the server under limited conditions. When the server acknowledges a connection for the permitted packet, transmission conditions for packets to be sent to the server are loosened. Subsequently, packet transmission between the terminal and the server is controlled under the loosened transmission conditions. As for encrypted packets, the server decodes the encrypted packets and notifies the repeater of relevant information.